PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 03/190/EST		FOR FURTHER A	CTION	See Form PCT/IPEA/416		
International application No. International filing date PCT/EP2004/003437 01.04.2004			(day/month/year)	Priority date (day/month/year) 02.04.2003		
1	·	PC) or national classification and I	PC			
B65	5D51/28					
Ann!	llooph					
1	licant BO ITALIA S.R.L. et al.					
1.	This report is the international Authority under Article 35	onal preliminary examination re and transmitted to the applicar	eport, established by this at according to Article 36	International Preliminary Examining		
2.	This REPORT consists of	a total of 5 sheets, including t	his cover sheet.			
3.	This report is also accomp	panied by ANNEXES, comprisi	ng:			
		nt and to the International Bure	•			
	sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).					
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.					
	b. (sent to the International Bureau only) a total of (Indicate type and number of electronic carrier(s)), containing a					
	sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).					
	box ricialing to de	quence Listing (see Section of	2 of the Administrative i	nsu ucuons).		
4.	This report contains indica	tions relating to the following i	ems:			
	☑ Box No. I Basis of	the opinion				
İ	☐ Box No. II Priority					
	☑ Box No. III Non-est	ablishment of opinion with rega	ard to novelty, inventive s	step and industrial applicability		
		unity of invention				
	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
	Box No. VI Certain	documents cited				
		defects in the international app				
	☐ Box No. VIII Certain	observations on the internation	al application			
Date	of submission of the demand		Date of completion of this	s report		
02.11.2004		23.02.2005	!			
Name and malling address of the international			Authorized Officer			
preliminary examining authority: European Patent Office				Sentence Mr. E		
D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d			Visentin, M	· Anata		
Fax: +49 89 2399 - 4465			Telephone No. +49 89 23	399-2614		
rules and						

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/EP2004/003437

	Вох	No. I Basis of the report		
1.	With regard to the language , this report is based on the international application in the language in which it w filed, unless otherwise indicated under this item.			
		This report is based on translations from the original language into the following language, which is the language of a translation furnished for the purposes of:		
		 □ international search (under Rules 12.3 and 23.1(b)) □ publication of the international application (under Rule 12.4) □ international preliminary examination (under Rules 55.2 and/or 55.3) 		
2.	2. With regard to the elements* of the international application, this report is based on (replacement sheets what have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):			
	Des	cription, Pages		
	1-4	as originally filed		
	Clair	ms, Numbers		
	1-7	as originally filed		
Drawings, Sheets				
	1-3	as originally filed		
		a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing		
3. The amendments have resulted in the cancellation of:		The amendments have resulted in the cancellation of:		
		☐ the description, pages ☐ the claims, Nos.		
		☐ the drawings, sheets/figs		
		☐ the sequence listing (specify): ☐ any table(s) related to sequence listing (specify):		
4.	□ had Sup	This report has been established as if (some of) the amendments annexed to this report and listed below not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the plemental Box (Rule 70.2(c)).		
		☐ the description, pages ☐ the claims, Nos.		
		☐ the drawings, sheets/figs		
		☐ the sequence listing (specify): ☐ any table(s) related to sequence listing (specify):		
	*	If item 4 applies, some or all of these sheets may be marked "superseded."		

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

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International application No. PCT/EP2004/003437

		No. III Non-establishment of	opi	nion with regard to novelty, inventive step and industrial	
1.	The obv	e questions whether the claimed invention appears to be novel, to involve an inventive step (to be non- vious), or to be industrially applicable have not been examined in respect of:			
		the entire international application,			
	\boxtimes	claims Nos. 7			
		because:			
		the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (specify):			
		the description, claims or drawings (indicate particular elements below) or said claims Nos. are so unclear that no meaningful opinion could be formed (specify):			
		the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.			
	\boxtimes	no international search report has been established for the said claims Nos. 7			
		the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:			
		the written form		has not been furnished	
				does not comply with the standard	
		the computer readable form		has not been furnished	
				does not comply with the standard	
		the tables related to the nucleon not comply with the technical re	ide a quire	and/or amino acid sequence listing, if in computer readable form only, do ements provided for in Annex C-bis of the Administrative Instructions.	
		See separate sheet for further of	detai	ls	

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims

No: Claims 1

Inventive step (IS)

Yes: Claims

No: Claims 2-6

Industrial applicability (IA)

Yes: Claims

1-6

No: Claims

2. Citations and explanations (Rule 70.7):

see separate sheet

Box No. VI Certain documents cited

 Certain published documents (Rule 70.10) and /or

2. Non-written disclosures (Rule 70.9)

see separate sheet

Re Item III.

4.

Claim 7 contains a reference to the description and the drawings. According to Rule 6.2(a) PCT, the claims should not contain such references except where absolutely necessary, which is not the case here.

Re Item V.

- 1 The following documents are referred to in this communication:
 - D1: US 5 769 263 A (MCBRIDE STEPHEN W ET AL) 23 June 1998 (1998-06-23)
 - D2: US 2002/008116 A1 (SORENSON JOSEPH T ET AL) 24 January 2002 (2002-01-24)
 - D3: US 2003/000910 A1 (JANG TAE SOUN ET AL) 2 January 2003 (2003-01-02)
 - D4: US 2002/166835 A1 (CARTER ROBERT L) 14 November 2002 (2002-11-14)

2 INDEPENDENT CLAIM 1

- 2.1 All the above cited documents D1 to D4 disclose a closure element comprising all the features of the closure defined in independent claim 1. The present application therefore does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1 is not new in the sense of Article 33(2) PCT.
- 3 DEPENDENT CLAIMS 2-6
 - Dependent claims 2-6 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step (Article 33(2) and (3) PCT). All the features defined are known from the available prior art or appear to be obvious choices coming well within the capabilities of the person skilled in the art.